

Governor's Office Five Pillars Symposium

Sacramento

July 8, 2015

Rethinking Transportation in California

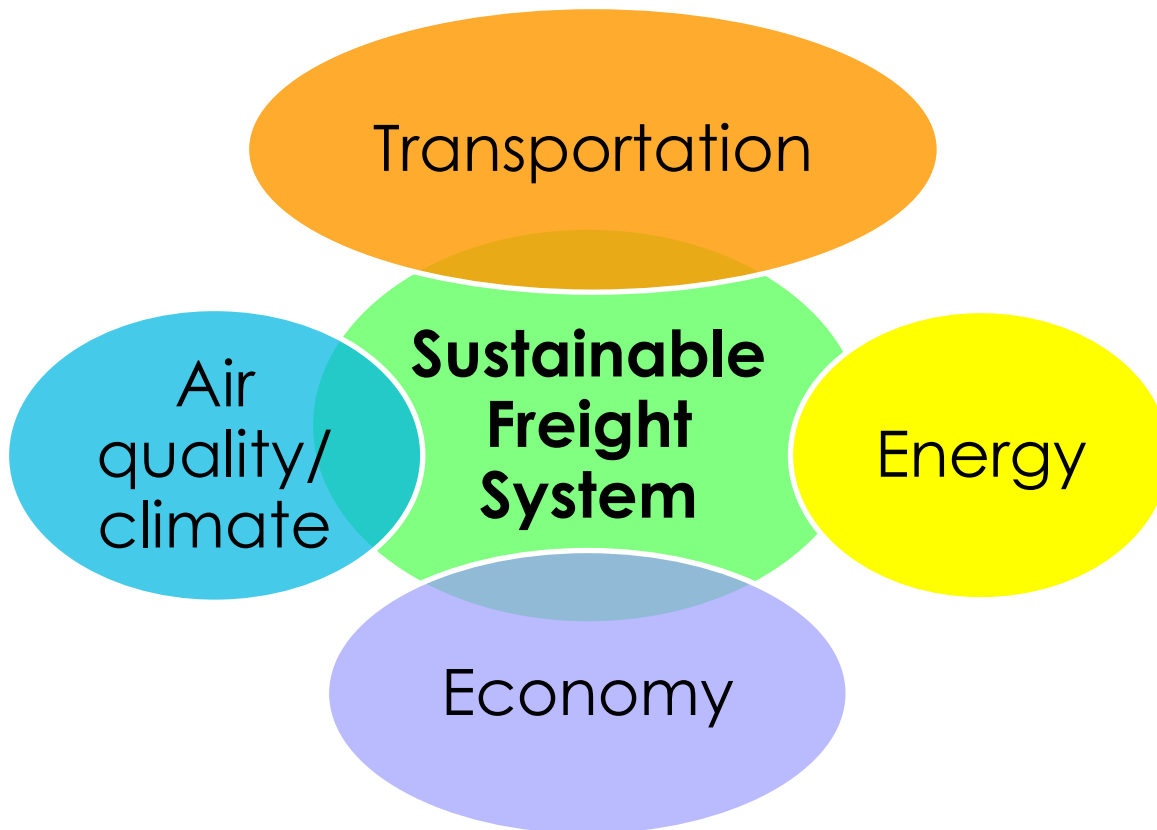
Sustainable Freight Leadership: Boosting Supply Chain Efficiencies

California Environmental Protection Agency

 **Air Resources Board**

California Sustainable Freight Strategy

Multi-Agency Integrated Approach



Actions and milestones that transition California to a sustainable freight system supporting multiple objectives

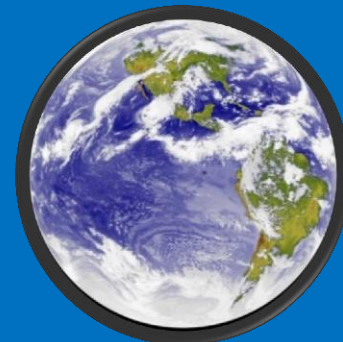
Need to Accelerate Progress



Cut air
toxics
health risk



Attain air
quality
standards



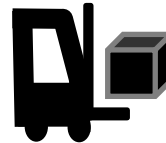
Mitigate
climate
change

Zero-emissions/renewable energy/efficiency

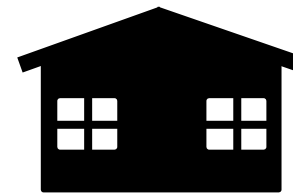
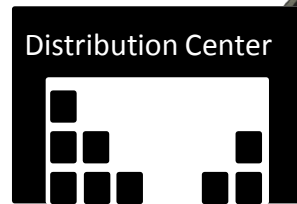
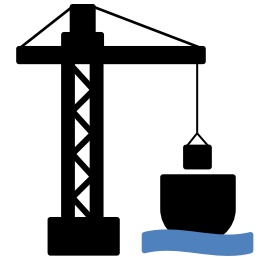
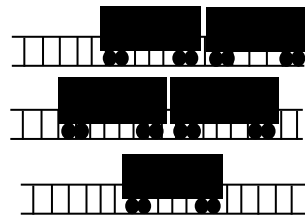
Equipment + Facilities + Companies Affect System Efficiency



Overseas production:



Transport to consumer:



Simplified marine import/e-commerce delivery example

Efficiency at a Company Level



More cargo per trip means:

- ↓ trips
- ↓ fuel
- ↓ pollution
- ↓ congestion
- ↓ costs

Courtesy of FedEx, LAX

Sustainable Freight Leadership

- All: improved efficiencies and stronger national/international standards
- Ports: influence, infrastructure, incentives
- Logistics providers: cleaner equipment that relies on low carbon energy
- Cargo owners: speak with wallet -- preferences for green transport

Panel Discussion

- **James Jack**, Coalition for Responsible Transportation
- **Michael Christensen**, Port of Long Beach
- Panel discussion and audience questions